In the Claims

1. (currently amended) A composition for transdermal administration of at least one therapeutically active ~~compounds and/or nutrients, which comprises~~ compound or nutrient, said composition comprising:

[[(a)]] at least one item selected from the group consisting of

at least one therapeutically active compound and ~~and/or~~ at least one nutrient[[,]]; and

[[(b)]] a non-oily emulsion.

2. (currently amended) The composition ~~Composition~~ for transdermal administration according to claim 1, ~~characterised in that the~~ wherein said at least one therapeutically active compound and [[or]] said at least one nutrient is an ionic compound.

3. (currently amended) The composition ~~Composition~~ for transdermal administration according to claim 2, ~~characterized in that~~ wherein the ionic compound is a metal ion.

4. (currently amended) The composition ~~Composition~~ according to claim 1, ~~characterised in that the~~ wherein said at least one therapeutically active compound is a polypeptide.

5. (currently amended) The composition ~~Composition~~ according to claim 4, ~~characterised in that the~~ wherein said polypeptide has a molecular weight of up to 7000 kDa.

6. (currently amended) The composition ~~Composition~~ according to claim 1, ~~characterised in that the~~ wherein said at least one therapeutically active compound is selected from the group consisting of [[an]] antiparasitic agents ~~agent~~, anthelmintic drugs [[or]] and antibiotic drugs [[drug]], used for the treatment of humans, livestock or domestic animals.

7. (currently amended) The composition ~~Composition~~ according to ~~any one of the proceeding claims, characterised in that the~~ claim 1, wherein said non-oily emulsion is a mixture of lecithin, bile salt and cholesterol.

8. (currently amended) The composition ~~Composition~~ according to claim 7, ~~characterised in that~~ wherein, said lecithin is present in said non-oily emulsion in an amount of 2–15 % (w/v), said bile salt is present in said non-oily emulsion in an amount of 2-15 % (w/v), and said cholesterol is

present in said non-oily emulsion in an amount of 2–15 % (w/v), ~~in relation to the non-oily emulsion~~.

9. (currently amended) The composition ~~Composition~~ according to claim 7, ~~or 8, characterised in that~~ wherein the ratio by weight of lecithins, bile salts and cholesterol is 2:1:1.

10. (currently amended) The composition ~~Composition~~ according to claim 8, wherein ~~any one of the proceeding claims, characterised in that~~ the sum of the amounts of lecithins, bile salts and cholesterol constitutes 6-30 % (w/v) of the non-oily emulsion.

11. (currently amended) The composition ~~Composition~~ according to ~~any one of the proceeding claims, characterised in that~~ claim 1, wherein the composition further ~~contains~~ comprises an organic sulfur compound.

12. (currently amended) The composition ~~Composition~~ according to claim 11, wherein, ~~characterised in that~~ the organic sulfur compound is present in said composition in an amount of 2-30 % (w/v) ~~and preferably in an amount of 4-25 % (w/v)~~, in relation to the non-oily emulsion.

13. (currently amended) The composition ~~Composition~~ according to claim 11, wherein ~~or 12, characterised in that~~ the organic sulfur compound is selected from the group ~~comprising~~ consisting of dimethylsulfoxide, methylsulfonylmethane, 2,3-dimethylsulfolane, 2,4-dimethylsulfolane and sodium lauryl sulfate.

14. (currently amended) Use of the composition according to ~~any one of claims 1 to 13~~ claim 1 for the manufacture of a cream, gel, lotion, suppositories, ointment, patch (TTS) for transdermal administration of active substances, preferably nutrients and/or medications.

15. (currently amended) Use of the composition according to ~~any one of claims 1 to 13~~ claim 1 for transdermal administration of active substances, preferably nutrients and/or medications.

16. (new) The composition according to claim 12, wherein the organic sulphur compound is present in said composition in an amount of 4-25% (w/v), in relation to said non-oily emulsion.